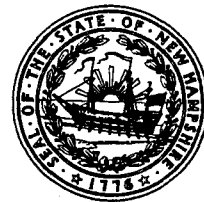




State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
64 No. Main Street, P.O. Box 2008, Concord, NH 03302-2008
(603) 271-3406 FAX (603) 271-7894



December 3, 1998
Letter of Deficiency
DAM # 215.02

Mr. Russell Bailey, Town Manager
Town of Seabrook
P.O. Box 456
99 Lafayette Road
Seabrook, NH 03874

RE: Secord Pond Dam, Seabrook

Dear Mr. Bailey:

The Department of Environmental Services, Dam Bureau (DES) consistently strives to enhance the safety of dams in New Hampshire through its dam safety program. One of the many instruments that plays a part in reaching this goal is our inspection program. The DES is forwarding this correspondence to you to advise you that in accordance with RSA 482:12 and Env-Wr 502.02, an inspection of the subject dam was conducted on April 15, 1998. During this visual inspection and/or file review, the following deficiencies were observed:

1. There are numerous trees and brush on the upstream, crest and downstream faces of the embankments;
2. The crest and downstream faces are lacking a hearty erosion resistant cover;
3. The right and left concrete walls of the spillway are severely eroded and deteriorated;
4. The concrete spillway walls are leaning and are being held apart/in place by a railroad tie;
5. At the current operating level the dam does not have adequate discharge capacity to pass the 50 year storm with 1' freeboard;
6. There are large eroded voids in the earth fill on the downstream face adjacent to the outsides of the right and left concrete walls; and
7. There is no operations and maintenance plan on file with the DES.

The DES believes that the above deficiencies can be corrected by performing the following items by September 1, 1999:

1. Remove the trees and brush on the upstream, crest and downstream faces of the embankments;
2. Establish or place an erosion resistant cover on the crest and downstream faces;

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3. Submit a plan to repair the spillway, reconfiguring the dam or lowering the operating level, such that the 50 year storm can be passed with 1' freeboard;
4. Repair the large eroded voids in the earth fill on the downstream face adjacent to the outsides of the right and left concrete walls; and
5. Prepare and submit to the DES a written operational procedure plan. The plan should describe the control of impoundment levels, monitoring and maintenance procedures, and identify emergency contact personnel.

The DES is requesting that you complete and submit the attached "Intent to Complete Repairs" form, within 30 days of receipt of this letter, that will provide for correction of the identified deficiencies by the date(s) indicated above. If you believe changes to the items of work or dates are necessary, please make the changes directly on the form and provide a brief explanation. We have enclosed a self addressed stamped envelope for you to return this form.

Our intent in sending you this correspondence is to make you aware of items that DES believes warrant your attention to insure the continued safe operation of your dam. It is our hope that, through the submittal of the attached form and a commitment to keeping a well-maintained dam, you will voluntarily comply with the requested items of work. If we do not receive the intent form or a similarly adequate written reply, we will assume that you are in agreement with our findings and recommendations and DES will carry out follow-up inspections accordingly.

If you have any questions or comments regarding this Letter of Deficiency or would like to be present at future inspections, please contact me at 271-3406, or write to the Water Division at the address listed on the top of the previous page.

Sincerely,


Nancy L. McGrath
Engineering Technician

Attachments Guideline for an O&M plan, DB8, DB13
cc: Gretchen Rule

Certified # 2786 913 586
NLM/was/h:/wendy/lod/215-02.lod